

QoE Enhancements in Rel-19

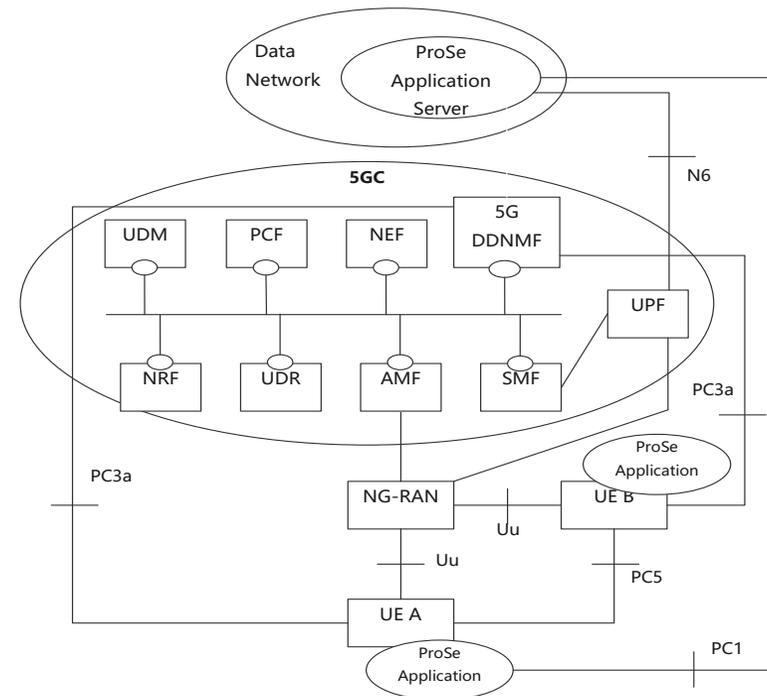
Motivation (1/2)

Further enhancement on RVQoE

- To support more QoE metrics related to different service types to be visible to RAN.
- Further enhancement on reporting mechanism, i.e. RVQoE reporting using SDT when UE is in RRC_INACTIVE.

Study QoE support for more verticals

- Study the enhancement to support QoE/RVQoE configuration for direct communication and reporting over PC5 in case of ProSe services.



Motivation (2/2)

It is expected that some objectives in Rel-18 have to be postponed to Rel-19, due to the following reasons

- Some objectives have strong dependency with the progress of other SI/WIs, e.g. support of RVQoE for XR depends on progress of existing Rel-18 SA4 ARMRQoE SI, SA2 XR SI and RAN1/2 XR WI.
- Some objectives have to be specified after the basic operation is determined, e.g. alignment of logged MDT and MBS QoE.
- Some objectives have had little discussion due to the lack of time, e.g. alignment of radio related measurement and QoE/RVQoE reporting in NR-DC.

Proposed Objectives

The enhancement on RVQoE configuration and reporting (RAN3, RAN2)

- Specify enhancement on RVQoE for XR and MBS (RAN3, RAN2)
- Support of RVQoE reporting during RRC INACTIVE using SDT (RAN2, RAN3)

The enhancement of QMC in Dual Connectivity (RAN3, RAN2)

- Support QMC for EN-DC by considering how to reuse NR-DC solution
- Support alignment of radio related measurement and QoE reporting in NR-DC

The enhancement of QMC in IDLE/INACTIVE (RAN3, RAN2)

- Support alignment of radio related measurement and QoE reporting in RRC IDLE/INACTIVE
- Support QMC in RRC IDLE/INACTIVE for MBS multicast

Study QoE support for more verticals (RAN2, RAN3)

- Study the enhancement to support QoE/RVQoE configuration for direct communication and reporting over PC5 in case of ProSe services